IN THE CLAIMS

Kindly amend claims 1 and 15 as shown in the following claim listing:

1. (currently amended) A device which comprises a circuit arrangement and an electrically conductive plate having an inductive function, which inductive function corresponds to a structure of at least one spiral-shaped slit formed in a single plane in the plate, said spiral-shaped slit comprising at least two full 360° loops around a solid ~~center~~ portion of the plate located at a center position of the spiral-shaped slit.

2.(previously presented) A device as claimed in claim 1, characterized in that the structure of slits is formed by at least two spiral-shaped slits.

3.(original) A device as claimed in claim 2, characterized in that the spiral-shaped slits are provided with a respective contact point in their central region and/or that at least one further contact point is arranged adjacent the spiral-shaped slits and/or between the central region and the periphery of a spiral-shaped slit.

4.(original) A device as claimed in claim 3, characterized in that there is provided a printed circuit board which supports the circuit arrangement and is electrically coupled to the electrically conductive plate by way of the contact points.

5. (original) A device as claimed in claim 4, characterized in that the printed circuit board supports the electrically conductive

plate.

6. (original) A device as claimed in one of the claims 1 to 5, characterized in that the electrically conductive plate has the function of a plurality of coils, the number of which corresponds to the number of spiral-shaped slits.

7. (previously presented) A device as claimed in one of the claims 1 to 5, characterized in that the electrically conductive plate is formed as a sheet of metal.

8.(original) A device as claimed in claim 7, characterized in that an insulating layer is provided between the printed circuit board and the electrically conductive plate.

9.(previously presented) A device as claimed in one of the claims 1 to 5, characterized in that a layer of a magnetic material, notably a ferrite material, is provided on at least one side of the electrically conductive plate.

10.(original) A device as claimed in claim 9, characterized in that there is provided an arrangement which comprises two layers of a magnetic material wherebetween the electrically conductive plate is arranged, on one outer side of the arrangement there being provided a printed circuit board which is electrically coupled to the electrically conductive plate.

11.(previously presented) A device as claimed in one of the claims 4 or 5 characterized in that there is provided a cooling layer which consists of a suitably thermally conductive material, notably metal, and that components of the device which are to be cooled are

arranged between the cooling layer and the printed circuit board.

12.(previously presented) A device as claimed in one of the claims 4 or 5, characterized in that either the electrically conductive plate or the layer of a magnetic material is used for cooling.

13.(previously presented) A power supply device which includes a device as claimed in one of the claims 1 to 5.

14.(original) A power supply device as claimed in claim 13, characterized in that the electrically conductive plate serves to form inductances of a multi-phase converter.

15.(currently amended) An electrically conductive plate having an inductive function, the inductive function corresponding to a structure of at least one spiral-shaped slit formed in a single plane in the plate, said spiral-shaped slit comprising at least two 360° loops around a solid ~~center~~ portion of the plate located at a center portion of the spiral-shaped slit.

16.(previously presented) An electrically conductive plate as claimed in claim 15, characterized in that the structure of slits is formed by at least two spiral shaped slits.